

MD 650 IS ASSUMED TO RUN  
IN NORTH-SOUTH DIRECTION.

ELTON ROAD

CONC. FLUME

S/W

GRASS

PEPCO  
806431  
6369

APS NOTES

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPERATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON. NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS: TO CROSS MD 650  
A. WHEN A PEDESTRIAN LOCATES AND PASSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS NEW HAMPSHIRE AT ELTON."  
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
6. ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.

MD 650  
(NEW HAMPSHIRE AVE.)

TOD NO:XX444-21M  
SHA NO:MO526A5D/B5D  
MD 650 @ ELTON RD

GEOMETRIC CONSTRUCTION DETAILS

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- B. INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- C. INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).AND TIE IT TO EXISTING CURB AND GUTTER.
- D. INSTALL (MIN) 5 FT. WIDE SIDEWALK AND TIE IT TO EXISTING SIDEWALK.
- E. INSTALL STANDARD TYPE A CURB AND GUTTER (STANDARD NO. MD 620.02).
- F. INSTALL SIDEWALK WITH BACKCURB TO RETAIN GRASS AREA USING SPECIFIED DIMENSIONS.
- G. INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11) WITH DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40)
- H. INSTALL STANDARD TYPE A CATCH-UP CURB AND GUTTER (STANDARD NO. MD 620.02).
- J. REMOVE EXISTING SIDEWALK.

GEOMETRIC LEGEND

----- EXISTING  
===== PROPOSED

UTILITY LEGEND

—SD—SD— STORM DRAIN  
—G—G— GAS MAIN  
—W—W— WATER MAIN  
—S—S— SEWER MAIN  
—E—E— ELECTRIC CABLES  
—A—A— AERIAL CABLES  
—T—T— TELEPHONE CABLES  
—F—F— FIBER-OPTIC

SHA

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 650 (NEW HAMPSHIRE ROAD) AT ELTON ROAD  
TRAFFIC SIGNAL RECONSTRUCTION

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 06-01-09 CONTRACT NO. XX4445185

DESIGNED BY \_\_\_\_\_ COUNTY MONTGOMERY  
DRAWN BY NG LOGMILE 15065003.32  
CHECKED BY JB TMS NO. 1731  
F.A.P. NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 1353D DRAWING - OF SHEET NO. 2 OF 6

PLOTTED: Tuesday, June 30, 2009 AT 03:15 PM  
FILE: p:\04-005 signals\md 650 @ elton rd\drawings\cadd\working\PSG-F002\_MD650@ELTON.dgn